SEQUENCE LISTING

<110> Lindquist, Susan L.
Outeiro, Tiago

<120> YEAST ECTOPICALLY EXPRESSING ABNORMALLY PROCESSED PROTEINS AND USES THEREFOR

<130> 17481-003001

<140> US 10/826,157
<141> 2004-04-16

<150> US 60/472,317
<151> 2003-05-20

<150> US 60/463,284
<151> 2003-04-16

<160> 8

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 423
<212> DNA
<213> Homo sapiens

<400> 1
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aaaaccaaac agggtgtggc agaagcagca ggaaagacaa aagagggtgt tctctatgta 120
ggctccaaaa ccaaggaggg agtggtgcat ggtgtggcaa cagtggctga gaagaccaaa 180
gagcaagtga caaatgttgg aggagcagtg gtgacgggtg tgacagcagt agcccagaag 240
acagtggagg gagcagggag cattgcagca gccactggct ttgtcaaaaa ggaccagttg 300
ggcaagaatg aagaaggagc cccacaggaa ggaattctgg aagatatgcc tgtggatcct 360
gacaatgagg cttatgaaat gccttctgag gaagggtatc aagactacga acctgaagcc 420
taa 423

<210> 2
<211> 140
<212> PRT
<213> Homo sapiens

<400> 2
Met Asp Val Phe Met Lys Gly Leu Ser Lys Ala Lys Glu Gly Val Val
1 5 10 15
Ala Ala Ala Glu Lys Thr Lys Gln Gly Val Ala Glu Ala Ala Gly Lys
20 25 30
Thr Lys Glu Gly Val Leu Tyr Val Gly Ser Lys Thr Lys Glu Gly Val
35 40 45
Val His Gly Val Ala Thr Val Ala Glu Lys Thr Lys Glu Gln Val Thr
50 55 60
Asn Val Gly Gly Ala Val Val Thr Gly Val Thr Ala Val Ala Gln Lys
65 70 75 80
Thr Val Glu Gly Ala Gly Ser Ile Ala Ala Ala Thr Gly Phe Val Lys

```
                85                  90                  95
Lys Asp Gln Leu Gly Lys Asn Glu Glu Gly Ala Pro Gln Glu Gly Ile
            100                 105                 110
Leu Glu Asp Met Pro Val Asp Pro Asp Asn Glu Ala Tyr Glu Met Pro
        115                 120                 125
Ser Glu Glu Gly Tyr Gln Asp Tyr Glu Pro Glu Ala
    130                 135                 140
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<210> 3
<211> 405
<212> DNA
<213> Homo sapiens

<400> 3

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aaaaccaagc agggggtcac cgaggcggcg gagaagacca aggagggcgt cctctacgtc     120
ggaagcaaga cccgagaagg tgtggtacaa ggtgtggctt cagtggctga aaaaaccaag     180
gaacaggcct cacatctggg aggagctgtg ttctctgggg cagggaacat cgcagcagcc     240
acaggactgg tgaagaggga ggaattccct actgatctga agccagagga agtggcccag     300
gaagctgctg aagaaccact gattgagccc ctgatggagc cagaagggga gagttatgag     360
gacccacccc aggaggaata tcaggagtat gagccagagg cgtag                     405
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<210> 4
<211> 134
<212> PRT
<213> Homo sapiens

<400> 4

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Met Asp Val Phe Met Lys Gly Leu Ser Met Ala Lys Glu Gly Val Val
 1               5                  10                  15
Ala Ala Ala Glu Lys Thr Lys Gln Gly Val Thr Glu Ala Ala Glu Lys
            20                  25                  30
Thr Lys Glu Gly Val Leu Tyr Val Gly Ser Lys Thr Arg Glu Gly Val
        35                  40                  45
Val Gln Gly Val Ala Ser Val Ala Glu Lys Thr Lys Glu Gln Ala Ser
    50                  55                  60
His Leu Gly Gly Ala Val Phe Ser Gly Ala Gly Asn Ile Ala Ala Ala
65                  70                  75                  80
Thr Gly Leu Val Lys Arg Glu Glu Phe Pro Thr Asp Leu Lys Pro Glu
                85                  90                  95
Glu Val Ala Gln Glu Ala Ala Glu Glu Pro Leu Ile Glu Pro Leu Met
            100                 105                 110
Glu Pro Glu Gly Glu Ser Tyr Glu Asp Pro Pro Gln Glu Glu Tyr Gln
        115                 120                 125
Glu Tyr Glu Pro Glu Ala
    130
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<210> 5
<211> 384
<212> DNA
<213> Homo sapiens

<400> 5

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aagaccaagc agggggtgac ggaagcagct gagaagacca aggaggggt catgtatgtg      120
ggagccaaga ccaaggagaa tgttgtacag agcgtgacct cagtggccga gaagaccaag     180
gagcaggcca acgcggtgag cgaggctgtg gtgagcagcg tcaacactgt ggccaccaag     240
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accgtggagg aggcggagaa catcgcggtc acctccgggg tggtgcgcaa ggaggacttg 300
aggccatctg ccccccaaca ggagggtgtg gcatccaaag agaaagagga agtggcagag 360
gaggcccaga gtgggggaga ctag 384

<210> 6
<211> 127
<212> PRT
<213> Homo sapiens

<400> 6

Met	Asp	Val	Phe	Lys	Lys	Gly	Phe	Ser	Ile	Ala	Lys	Glu	Gly	Val	Val
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Gly	Ala	Val	Glu	Lys	Thr	Lys	Gln	Gly	Val	Thr	Glu	Ala	Ala	Glu	Lys
			20					25					30		
Thr	Lys	Glu	Gly	Val	Met	Tyr	Val	Gly	Ala	Lys	Thr	Lys	Glu	Asn	Val
		35					40					45			
Val	Gln	Ser	Val	Thr	Ser	Val	Ala	Glu	Lys	Thr	Lys	Glu	Gln	Ala	Asn
	50					55					60				
Ala	Val	Ser	Glu	Ala	Val	Val	Ser	Ser	Val	Asn	Thr	Val	Ala	Thr	Lys
65					70					75					80
Thr	Val	Glu	Glu	Ala	Glu	Asn	Ile	Ala	Val	Thr	Ser	Gly	Val	Val	Arg
				85					90					95	
Lys	Glu	Asp	Leu	Arg	Pro	Ser	Ala	Pro	Gln	Gln	Glu	Gly	Val	Ala	Ser
			100					105					110		
Lys	Glu	Lys	Glu	Glu	Val	Ala	Glu	Glu	Ala	Gln	Ser	Gly	Gly	Asp	
		115					120					125			

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 7
ggactagtat ggatgtattc atgaaagg 28

<210> 8
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 8
ggggaagctt ttattaggct tcaggttcgt agtc 34